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Application No. <u>09/977653</u>	Prepared by <u>owc</u>	Tracking Number <u>05927486</u>	
Examiner-GAU <u>Prouty</u>	Date <u>8/18/04</u>	Week Date <u>8-29-04</u>	
<u>1652</u>	No. of queries <u>-1-</u>	IFW	

## JACKET

a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

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## CLAIMS

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Substitute for form 1412A/PFO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		Completed by <b>Applicant</b> Application Number <b>09/877,683</b> Filing Date <b>October 15, 2001</b> First Name of Inventor <b>Mark Thompson</b> Group Art Unit <b>1852</b> Examiner Name <b>R. Proulx</b> Attorney Doctant Number <b>MA-70202</b>	
Sheet	1	of	4

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U.S. PATENT DOCUMENTS						
Examiner Number	Class No.	U.S. Patent Document		Name of Patentee or Applicant of Claim Document	Date of Publication of Claim Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Paragraphs or Figures Appear
		Number	Kind Code (if known)			
RP	U1	4,449,885		Schnepf et al.	05-18-1994	(Please review all)
RP	U2	4,457,038		Schnepf et al.	08-21-1994	(Please review all)
RP	U3	4,797,270		Harmstadt et al.	01-10-1999	(Please review all)
RP	U4	4,849,217		Scorse et al.	07-18-1999	(Please review all)
RP	U5	4,853,331		Harmstadt et al.	08-01-1999	(Please review all)
RP	U6	4,919,009		Eller et al.	04-17-1990	(Please review all)
RP	U7	4,948,734		Edwards et al.	09-14-1990	(Please review all)
RP	U8	4,990,332		Payne et al.	03-05-1991	(Please review all)
RP	U9	5,039,673		Payne et al.	08-13-1991	(Please review all)
RP	U10	5,093,120		Edwards et al.	03-03-1992	(Please review all)
RP	U11	5,128,133		Payne et al.	08-30-1992	(Please review all)
RP	U12	5,151,383		Payne	09-29-1992	(Please review all)
RP	U13	5,164,180		Payne et al.	11-17-1992	(Please review all)
RP	U14	5,169,629		Payne et al.	12-08-1992	(Please review all)

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Examiner Number	Class No.	Foreign Patent Document		Name of Patentee or Applicant of Claim Document	Date of Publication of Claim Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Paragraphs or Figures Appear
		Office	Number			
RP	F1	EP	0 462 721	Nerva et al.	06-04-1991	(Please review all)
RP	F2	EP	0 500 371	Spadtech et al.	08-28-1992	(Please review all)
RP	F3	WO	92/19739	Schnepf et al.	11-12-1992	(Please review all)
RP	F4	WO	94/04984	Payne et al.	03-03-1994	(Please review all)
RP	F5	WO	97/13402	Maria et al.	04-17-1997	(Please review all)
	F6					
	F7					
	F8					
	F9					
	F10					

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SAE/BA Form 1484PTD <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		Complete if Known Application Number <b>09/777,853</b> Filing Date <b>October 15, 2001</b> First Named Inventor <b>Mark Thompson</b> Group Art Unit <b>1852</b> Examiner Name <b>R. Prouty</b> Attorney Doctet Number <b>MA-702D2</b>	
Sheet	<b>2</b>	of	<b>4</b>

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Claim Document	Date of Publication of Claim Document (MM-DD-YYYY)	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Appear
		Number	(Kind Code if known)			
RP	U16	5,158,034		Marva et al.	03-18-1993	(Please review all)
RP	U18	5,208,017		Reppelich et al.	05-04-1993	(Please review all)
RP	U17	5,238,643		Marva et al.	08-17-1993	(Please review all)
RP	U19	5,282,189		Payne et al.	11-18-1993	(Please review all)
RP	U19	5,282,390		Heddy et al.	11-18-1993	(Please review all)
RP	U20	5,270,448		Payne	12-14-1993	(Please review all)
RP	U21	5,281,530		Sick et al.	01-25-1994	(Please review all)
RP	U22	5,288,485		Uyeda et al.	02-15-1994	(Please review all)
RP	U23	5,322,832		Marva et al.	05-21-1994	(Please review all)
RP	U24	5,359,577		Payne	05-27-1994	(Please review all)
RP	U25	5,428,048		Sick et al.	05-20-1995	(Please review all)
RP	U26	5,427,735		Payne et al.	05-27-1995	(Please review all)
RP	U27	5,439,881		Marva et al.	08-08-1995	(Please review all)
RP	U28	5,458,535		Payne et al.	11-21-1995	(Please review all)

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Claim Document	Date of Publication of Claim Document (MM-DD-YYYY)	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Appear
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of

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Applicant's Number

06/877,883

Filing Date

October 15, 2001

First Named Inventor

Mark Thompson

Group Art Unit

1852

Examiner Name

R. Proudy

Attorney Contact Number

NA-70202

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## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the book (book, magazine, journal, serial, symposium, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	1*
RP	R1	ADAMS, M.J. et al., "Characterized Full-Length and Truncated Plasmid Clones of the Crystal Protein of <i>Bacillus thuringiensis</i> subsp. <i>Kurstaki</i> HD-73 and Their Toxicity to <i>Manduca sexta</i> ," <i>Gene</i> , 1993, pgs. 289-293, vol. 28.	
RP	R2	BEEGLE, G.C., "Use of Entomogenous Bacteria in Agroecosystems," <i>Developments in Industrial Microbiology</i> , 1978, pgs. 97-104, vol. 20.	
RP	R3	BOTTGER, Kurt P. et al., "Nematode: Susceptibility of the Egg to <i>Bacillus thuringiensis</i> Toxins," <i>Experimental Parasitology</i> , 1985, pgs. 228-244, vol. 60.	
RP	R4	CORDIA and W.E. Sizem, "A Preliminary Report on the Effects of <i>Bacillus thuringiensis</i> var. <i>thuringiensis</i> Berliner on the Development of the Free-Living Stages of Some Cattle Nematodes," <i>Journal of Parasitology</i> , 1991, vol. 47, issue 41, Abstract.	
RP	R5	COLES, G.C., "Antibiotic Resistance in Sheep," <i>Veterinary Clinics of North America, Food Animal Practice</i> , 1988, pgs. 423-432, vol. 32(2).	
RP	R6	COUCH, Y.L., "Mosquito Pathogenicity of <i>Bacillus thuringiensis</i> var. <i>israelensis</i> ," <i>Developments in Industrial Microbiology</i> , 1980, pgs. 61-78, vol. 22.	
RP	R7	CRICKMORE, M. et al., Society for Invertebrate Pathology, 29 <sup>th</sup> Annual Meeting, 3 <sup>rd</sup> International Colloquium on <i>Bacillus thuringiensis</i> , University of Cordoba, September 1-6, 1988, Abstract.	
RP	R8	ELY, R., "The Engineering of Plants to Express <i>Bacillus thuringiensis</i> Delta-Endotoxins," <i>Bacillus thuringiensis: An Environmental Pesticide: Theory and Practice</i> , Estabrook, P.F. et al. (eds.), 1993, pgs. 105-124.	
RP	R9	FEINELSON, J.B. et al., " <i>Bacillus thuringiensis</i> : Insects and Beyond," <i>Bio/Technology</i> , 1992, pgs. 271-276, vol. 10.	
RP	R10	GAERTNER, F. and Leo Kim, "Current Applied Recombinant DNA Projects," <i>TECHON</i> , 1988, pgs. 84-87, vol. 6(4).	
RP	R11	GAERTNER, F.H., "Cellular Delivery Systems for Insecticidal Proteins: Living and Non-Living Microorganisms," <i>Controlled Delivery of Crop-Protection Agents</i> , R.M. Wilkins, ed., 1993, pgs. 245-256, Taylor and Francis, New York and London, 1993.	
RP	R12	HOFTE, H. and H.R. Whalley, "Insecticidal Crystal Proteins of <i>Bacillus thuringiensis</i> ," <i>Microbiological Reviews</i> , 1988, pgs. 242-255, vol. 52(2).	
RP	R13	IGNOFFO, C.M. et al., "Gut-toxic Effects of the Thermolabile Toxin of <i>Bacillus thuringiensis</i> on Species of Soil-Inhabiting, Myceliophagous, and Plant-Parasitic Nematodes," <i>Journal of the Korean Entomological Society</i> , pgs. 394-398, vol. 30(2).	

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Subtitle Section 148B(1)(D) <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)			Application Number 09/877,853	Filing Date October 15, 2001	FEB 1 3 2002
First Named Inventor Mark Thompson			Group Art Unit 1652	TECH CENTER 800/2800	
Examiner Name R. Proulx			Attorney Contact Number MA-70202		
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article, (also appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	*
RP	R14	KREB, V.A. et al. "Bacillus thuringiensis var. israelensis: a New Pathotype Effective Against Larvae of Coleoptera," Z. Ang. Ent., 1983, pp. 600-608, vol. 98.	
RP	R15	NECHOLLS, C.M. et al. "Evidence for Two Different Types of Insecticidal P2 Toxins with Dual Specificity in Bacillus thuringiensis Subsp. israelensis," Journal of Insectology, 1990, pp. 6141-6147, vol. 17(15).	
RP	R16	PROCHARD, R.K. et al. "The Problem of Anesthetics Resistance in Nematodes," Australian Veterinary Journal, 1980, pp. 230-251, vol. 58.	
RP	R17	SCHNEPP, H.E. and H.R. Whiting, "Cloning and Expression of the Bacillus thuringiensis Crystal Protein Gene in Escherichia coli," Proc. Natl. Acad. Sci. USA, 1991, pp. 2893-2897, vol. 78(5).	
RP	R18	SCHNEPP, H.E. et al. "The Amino Acid Sequence of a Crystal Protein from Bacillus thuringiensis Deduced From the DNA Base Sequence," The Journal of Biological Chemistry, 1986, pp. 6284-6272, vol. 260(16).	
RP	R19	VISSEK, B. et al. "Domain-Function Studies of Bacillus thuringiensis Crystal Proteins: A Genetic Approach," Bacillus thuringiensis, An Environmental Biofactor: Theory and Practice, Erdelt, P.F. et al. (eds.) 1993, pp. 71-88.	
RP	R20	WASHNO, R. et al. "Bacillus thuringiensis Entomotoxin Protein Gene Sequence and Gene Product Analysis," DNA, 1988, pp. 305-314, vol. 8(4).	
	R21		
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